

Edge Profile Mapping

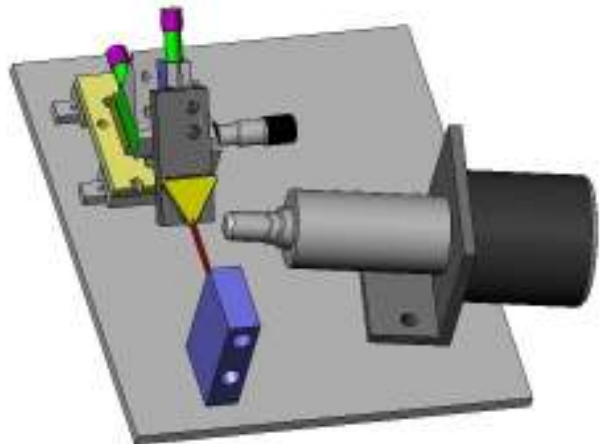
An easy to set-up and use fixture system, which accepts a wide variety of part shapes allowing progressive mapping along an edge (vertice). A part is located on the fixture plate then positioned to the camera using a laser as target guidance. Micrometer adjustment provides controlled movement for progressive incremental images. Resolution to 80 millionths of an inch (2μ).

Set-up time less than 1 minute.

CAD based tools provide accurate means of attaining linear and angular measurements.

General Features:

- Portable – system weight 15 lbs
- Small footprint – 12" x 12"
- Non-contact – no probe or stylus
- CAD based measurement software tools
- Fast – image capture / display - 2 sec.
- Simple to use software and hardware
- CAD based measurement tools
- Self centering image display
- Image with measurement values saving
- Low cost



Measurement Parameters:

- Field of View 0.1" x .07" (2.5mm x 2mm)
- Measurement accuracy 2μ
- Capture to display time 1 second
- Lateral axis movement .001"

